

FIG. 1

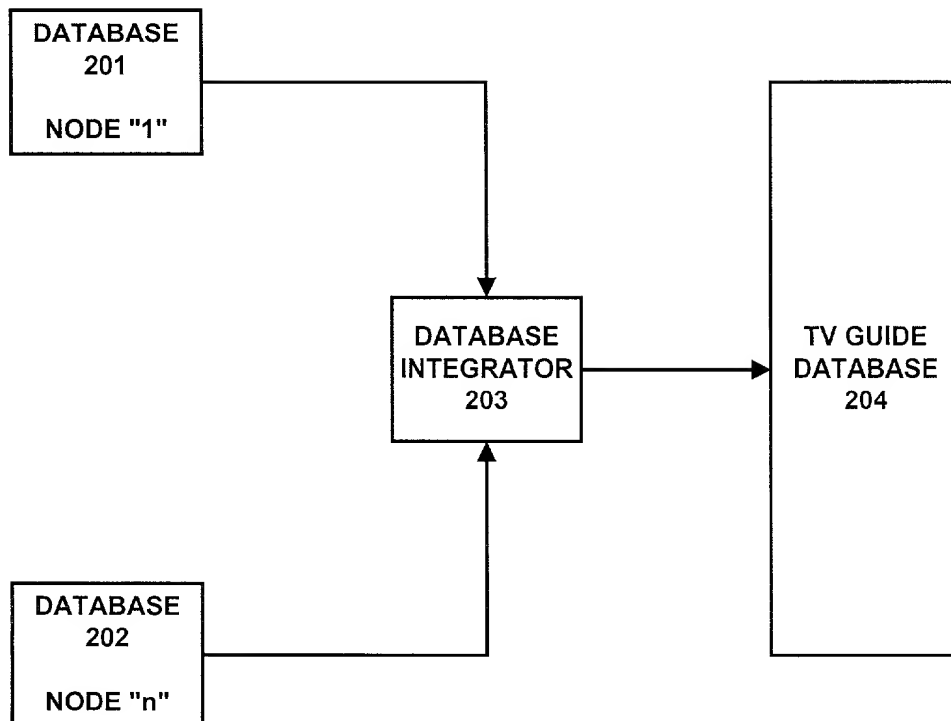


FIG. 2

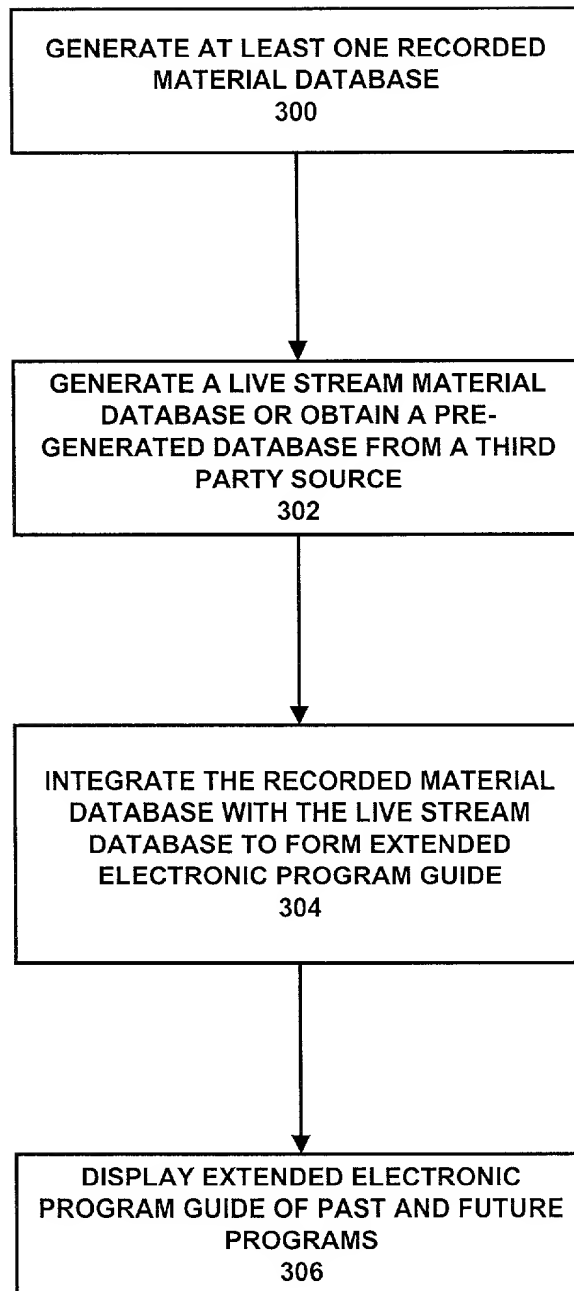


FIG. 3

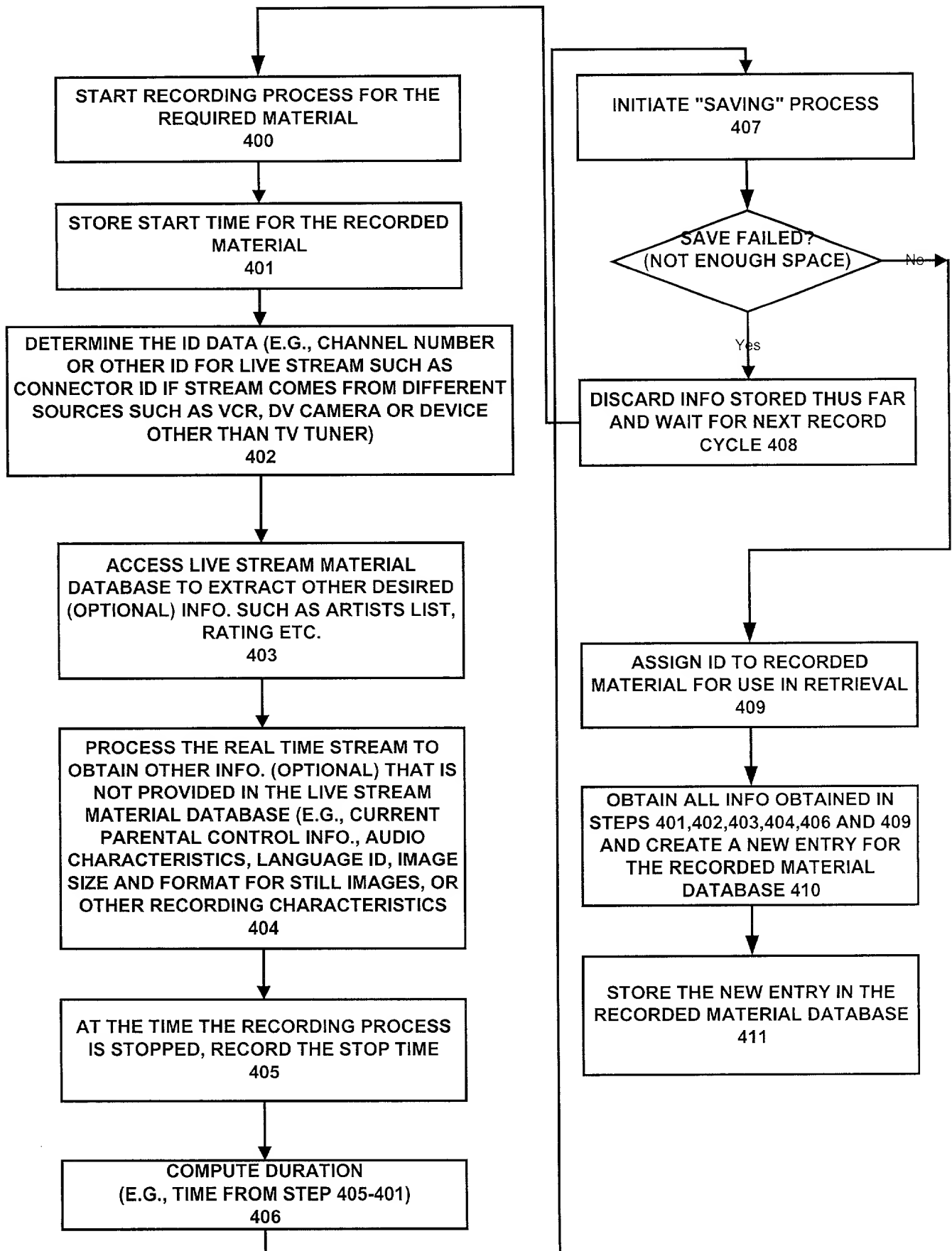


FIG. 4

DETERMINE FORMAT FOR RESULTING (TV GUIDE) DATABASE AND LIST ALL FIELDS IN ALL INPUT DATABASES (E.G., FROM LIVE STREAM MATERIAL AND AVAIL. RECORDED MATERIAL DATABASES)
501

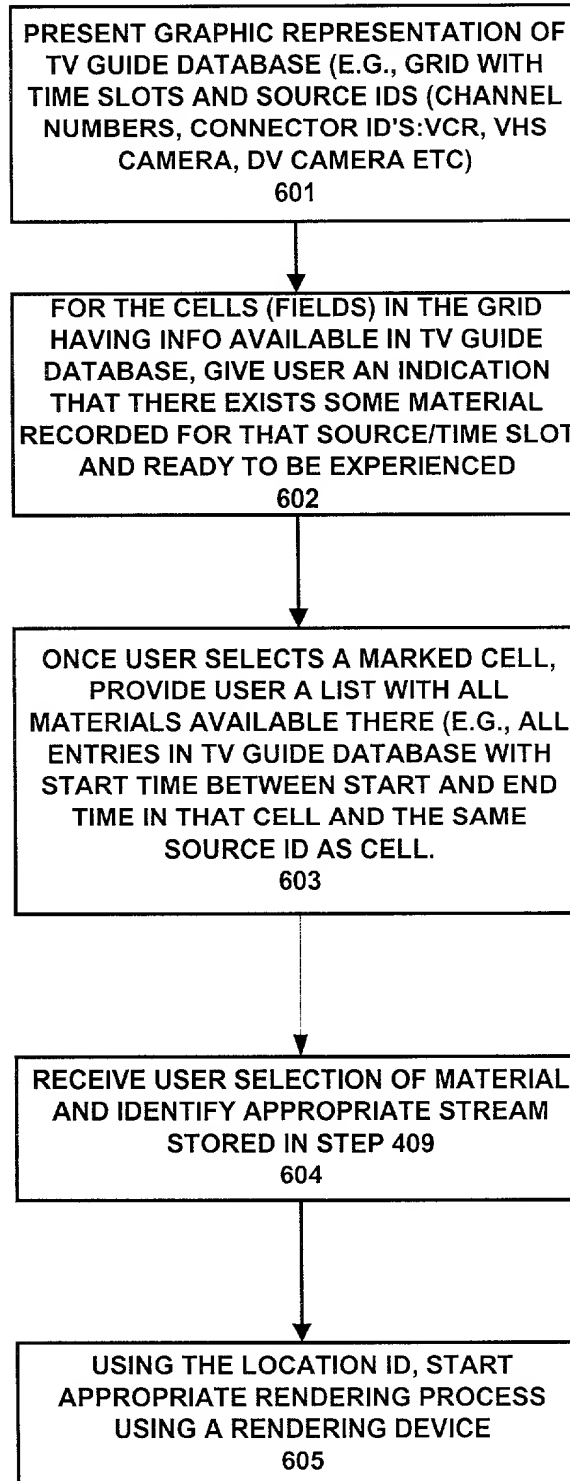
EX: IF ONE DBASE HAS FIELDS A,B,C,D AND OTHER HAS FIELDS A,C,E,F, RESULTING DBASE HAS FIELDS A,B,C,D,E,F

SCAN ALL INPUT DATABASES ON THE "START TIME" FIELD IN A PARTICULAR ORDER (E.G., ASCENDING OR DESCENDING) TO ENSURE ALL ENTRIES IN ALL DATABASES ARE CONSIDERED
502

FOR EACH DISTINCT VALUE OF THE "START TIME", CREATE AS MANY ENTRIES IN THE TV GUIDE DATABASE AS EXISTENT IN INPUT DATABASES. FOR FIELDS EXISTENT IN THE CORRESPONDING INPUT DATABASE, COPY THE FIELDS IN THE CORRESPONDING ONE IN THE TV GUIDE DATABASE. FOR THE OTHER ONES NOT EXISTENT, ASSIGN A PREDETERMINED "NOT AVAILABLE" VALUE
503





INSURES ALL ENTRIES IN ALL INPUT DATABASES ARE REPRESENTED IN THE TV GUIDE DATABASE AND ALL ENTRIES IN THIS DATA BASE HAVE A COMMON FORMAT


FIG. 5




USER EVALUATES WHICH INFO FROM AVAILABLE INFO SHOULD BE VIEWED SO USER CAN CHOOSE THE MATERIAL TO EXPERIENCE

FIG. 6

Visual grid					
02/06/2000	11:00 AM	11:30 AM	12:00 PM	12:30 PM	13:00 PM
33 CNN	 Sports	Newsday	Politics	Newsday	Sports
35 MTV	Music 1	Shows		 Music	
36 NEWS	Money	 News		rt News	Special

 : the symbol that shows there is some recorded material linked with that cell (channel in that time frame)

Selecting a grid marked  will provide a list with the available recorded material:


Music (MPEG) (12:30 PM–12:35 PM)
Beatles (JPEG) (320  240 pixels)
Hei Jude (MP3) (Stereo, no video)
Oscar (HTML) (CC trans 13:00PM-13:55PM)

FIG. 7